

Specifications:

Gene:	hVSTM2A
Accession:	NP_001304772
Insert size:	748bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

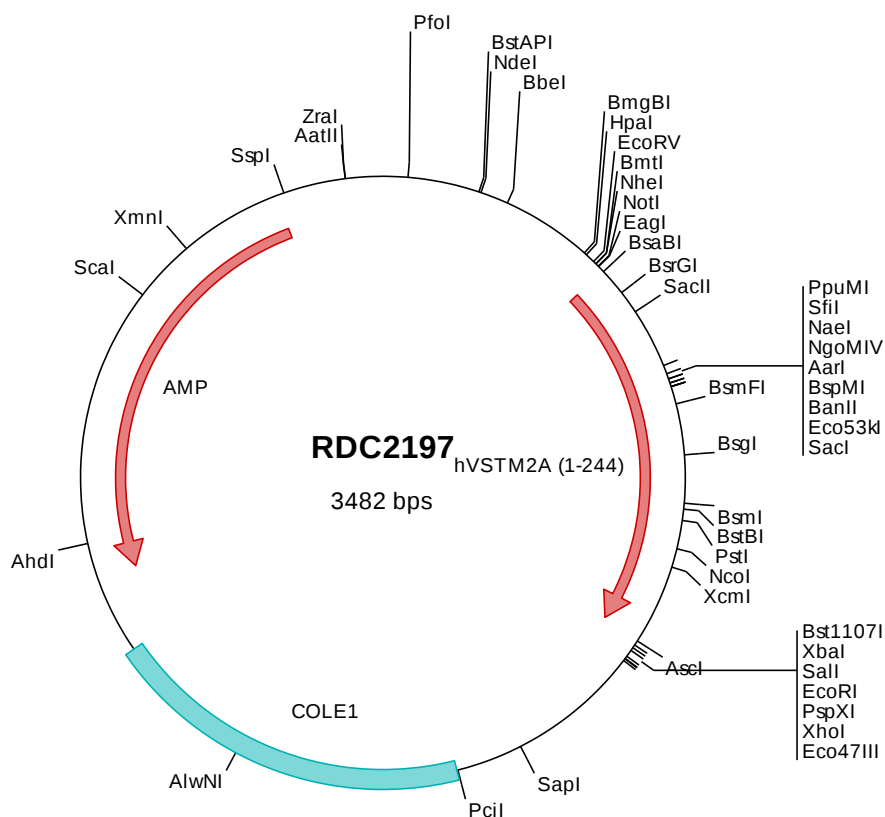
hVSTM2A cDNA Plasmid

VSTM2A V-set and
transmembrane domain
containing 2A [*Homo sapiens*
(human)]

Also known as: VSTM2

Summary:

VSTM2A plays a role in the regulation of the early stage of white and brown preadipocyte cell differentiation. It promotes adipogenic commitment of preadipocytes by increasing gene expression of the transcription factor PPARG in a BMP4-dependent signaling pathway.



> RDC2197 Plasmid DNA Sequence

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1   tcgcgcgttt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC2197 Translated Insert Sequence

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